


14461 U.S. PTO
06/19/03

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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 32226.65

First Inventor R. Johannes Luyken, et al.

Title Schaltungselement mit einer ersten Schicht aus einem elektrisch isolierenden Substratmaterial, Verfahren zur Herstellung eines Schaltungselements, Bispyridinium-Verbindungen sowie deren Verwendung in Schaltungselementen

Express Mail Label No. EV190465178US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 44]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the invention
 - Brief Summary of the invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 5]
5. Oath or Declaration [Total Pages]
 - a. ☐ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement of Power of Attorney (when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: Transmittal Cover Letter with Certificate of Express Mailing; Designation of Inventors; Official Filing Receipt; Official Bibliographic Information Notice

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No: _____ / _____

Prior application information: Examiner _____

Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

32300

or ☐ Correspondence address below

(Insert Customer No. or Attach bar code label here)

Name

Address

City

State

Zip Code

Country

Telephone

Fax

Name (Print/Type)

Jeffrey R. Stone

Registration No. (Attorney/Agent)

47,976

Signature

Date

June 19, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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<h2 style="margin: 0;">FEE TRANSMITTAL</h2> <h3 style="margin: 0;">for FY 2003</h3> <p style="font-size: small; margin: 5px 0;">Effective 01/01/2003. Patent fees are subject to annual revision.</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>		<p>Complete if Known</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Application Number</td><td></td></tr> <tr><td>Filing Date</td><td>June 19, 2003</td></tr> <tr><td>First Named Inventor</td><td>R. Johannes Luyken, et al.</td></tr> <tr><td>Examiner Name</td><td></td></tr> <tr><td>Group / Art Unit</td><td></td></tr> <tr><td>Attorney Docket No.</td><td>32226.65</td></tr> </table>		Application Number		Filing Date	June 19, 2003	First Named Inventor	R. Johannes Luyken, et al.	Examiner Name		Group / Art Unit		Attorney Docket No.	32226.65
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TOTAL AMOUNT OF PAYMENT (\$) 1,010.00															

<p>METHOD OF PAYMENT (check all that apply)</p> <p> <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None </p> <p><input checked="" type="checkbox"/> Deposit Account:</p> <table style="width: 100%;"> <tr> <td style="width: 50%;">Deposit Account Number</td> <td style="width: 50%;">203732</td> </tr> <tr> <td>Deposit Account Name</td> <td>Briggs and Morgan, P.A.</td> </tr> </table> <p>The Commissioner is authorized to: (check all that apply)</p> <p> <input type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account. </p>				Deposit Account Number	203732	Deposit Account Name	Briggs and Morgan, P.A.	<p>FEE CALCULATION (continued)</p> <p>3. 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<p>SUBMITTED BY</p> <table style="width: 100%;"> <tr> <td style="width: 30%;">Name (Print/Type)</td> <td style="width: 30%;">Jeffrey R. Stone</td> <td style="width: 20%;">Registration No. Attorney/Agent)</td> <td style="width: 20%;">47,976</td> </tr> <tr> <td>Signature</td> <td colspan="3" style="text-align: center;"> </td> </tr> </table>				Name (Print/Type)	Jeffrey R. Stone	Registration No. Attorney/Agent)	47,976	Signature				<p>Complete (if applicable)</p> <table style="width: 100%;"> <tr> <td style="width: 30%;">Telephone</td> <td style="width: 70%;">612-977-8560</td> </tr> <tr> <td>Date</td> <td>June 19, 2003</td> </tr> </table>		Telephone	612-977-8560	Date	June 19, 2003
Name (Print/Type)	Jeffrey R. Stone	Registration No. Attorney/Agent)	47,976														
Signature																	
Telephone	612-977-8560																
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re. Appln.: R. Johannes Luyken; Markus Seitz; Jon Preece;
Werner Weber; Günter Schmid

Serial No.: Not yet assigned

Filed: June 19, 2003

German Title: Schaltungselement mit einer ersten Schicht aus einem elektrisch
isolierenden Substratmaterial, Verfahren zur Herstellung eines
Schaltungselements, Bispyridinium-Verbindungen sowie deren
Verwendung in Schaltungselementen

Attorney: Jeffrey R. Stone

Attorney Docket No.: 32226.65

Additional Fees: Charge to Deposit Account 023732

Box Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL COVER LETTER

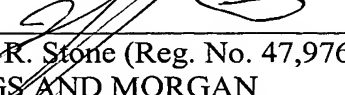
Sir:

Enclosed for filing are the following:

1. Utility Patent Application Transmittal;
2. Fee Transmittal for FY 2003;
3. German Patent Application No. 102 27 850.4, filed 06/21/2002 from which
priority is claimed (44 pgs.);
4. Five (5) sheets of drawings;
5. Designation of Inventor;
6. Official Filing Receipt;
7. Official Bibliographical Information Notice;
8. Check in the amount of \$1,010.00; and
9. Postcard receipt.

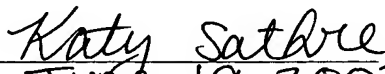
Respectfully submitted,

Dated: 6/19/03

By 
Jeffrey R. Stone (Reg. No. 47,976)
BRIGGS AND MORGAN
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CERTIFICATE OF EXPRESS MAILING

I hereby certify that this document, along with the documents referenced above, are being deposited with the United States Postal Service, as Express Mail, Receipt No. EV190455178US, in an envelope addressed to: Box Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

By: 
Date: JUNE 19, 2003

PATENT APPLICATION SERIAL NO. _____

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

06/24/2003 STEUMEL1 00000076 10600750

01 FC:1001	750.00	OP
02 FC:1051	130.00	OP
03 FC:1053	130.00	OP